

<div>Chemical Weed Matrix</div> <div>March 2019</div>	Canada Thistle - Creeping perennial; 6-10 inches to bud or fall	Musk Thistle; Scotch Thistle & Bull Thistle - Biennial; rosette stage or fall	Russian Knapweed - Creeping perennial; bud to early flower or fall	Diffuse Knapweed; Spotted Knapweed - Biennial or simple perennial; rosette stage or fall	Field Bindweed - Creeping perennial; at full bloom or fall	Hoary Cress; Perennial Pepperweed - Creeping perennial; bolting to bud maybe bloom	Leafy Spurge - Creeping perennial; spring true flowers or fall**	Absnith Wormwood - Perennial; 12 inches to flowering or fall	Mullein - Biennial; Rosette to pre-bud or fall	Yellow Toadflax; Dalmatian Toadflax - Creeping perennial; bud to early flowering or fall	Cheatgrass (Downy Brome) - annual; early germination, maybe spring
<u>Tordon 22K</u> (Picloram)- RU No trees or water; Graze- 14D wait	1 quart/acre with NIS	1 quart/acre with NIS	1 quart/acre with NIS	1 quart/acre with NIS	1 quart/acre with NIS	NA	1 quart/acre with NIS	1 pint/acre with NIS	1 - 1.5 pints /acre w/NIS	1 quart/acre with NIS	NA
<u>Milestone</u> (aminopyralid) - Some trees; To waters edge; No irrigation; No Graze wait	5-7 oz/acre with NIS	3-5 oz/acre with NIS	4 -6 oz/acre with NIS	5-7 oz/acre with NIS	NA	NA	NA	7 oz/acre with NIS	7 oz/acre with NIS	NA	NA
<u>Curtail</u> (Clopyralid & 2,4-D) - Some trees; No water; Graze - 14 D wait	2 -3 quarts/acre with NIS	1.5-2 quarts/acre with NIS	3 quarts/acre with NIS	2 quarts/ acre with NIS	NA	NA	NA	2 quarts/ acre with NIS	NA	NA	NA
<u>Transline</u> (Clopralid) - Most trees; No water; Graze - no wait.	0.66 - 1.33 pints/acre with NIS	0.33 - 1 pints/ acre with NIS	1 - 1.33 pints /acre with NIS	0.66 - 1.33 pints/acre with NIS	NA	NA	NA	NA	NA	NA	NA
<u>2,4-D</u> - Careful trees; Maybe water = formulation; Graze - 7D wait	weak alone	1 quart/acre with NIS	weak alone	weak alone	weak alone	3 quarts/acre with NIS	2 -3 quarts/acre with NIS	weak alone	1 quart /acre w/NIS	NA	NA
<u>Clarity/Banvel</u> (Dicamba) - No trees or water; Graze - 21D wait	weak alone	1 quart/acre with NIS	weak alone	weak alone	weak alone		weak alone	weak alone	NA	NA	NA
<u>Dicamba &amp; 2,4-D</u> - Graze - 7D; No water or trees;	1 quart each/acre with NIS		1 quart each/acre with NIS	1 quart each/acre with NIS	1 quart each/acre with NIS		1 quart each/acre with NIS	1 quart each/acre with NIS	NA	NA	NA
<u>Glyphosate</u> (40-50%) - Trees okay; Yes water depending on label; <b>Non-selective</b>	2 quarts/acre	1.5 quarts/acre	NA	1.5 quarts/acre	4-5 quarts/acre	4 quarts/acre	3.3 quarts/acre; partial control		2-3 quarts/ acre	2 quarts/acre	4-5 quarts/acre
<u>Panoramic</u> (Imazapic) - Some trees; waters edge ok; No irrigation; Graze - no wait	NA	8 -10 oz/acre with MSO	8 -10 oz/acre with MSO	NA	NA	8 oz/acre with MSO	10 oz/acre with MSO	NA	NA	10 oz/acre with MSO	6-8 oz/acre with NIS
<u>Telar</u> (Chlorsulfuron) - Some trees; waters edge ok; Graze - no wait	1-2.6 oz/acre with NIS	1 oz/acre with NIS	NA	NA	NA	1 oz/acre with NIS	NA	NA	1-2.6 oz/acre with NIS	Yellow: 1.25 oz/acre with NIS; Dalmatian 2 - 2.6 oz/acre with NIS	NA
<u>Escort XP</u> (Metsulfuron) - Some trees; waters edge ok; No irrigation; Graze - no wait	1.5 to 2 oz/acre with NIS	1 to 2 oz/acre with NIS	1.5 to 2 oz/acre with NIS (suppression)	NA	NA	1 to 2 oz/acre with NIS	NA	NA	1 to 2 oz/acre with NIS	1.5 to 2 oz/acre with NIS (suppression)	NA
<u>Vista XRT</u> (Fluroxypyr) - Some trees, some water; Graze - no wait	4-6 oz Vista and 4-7 oz Milestone	4-6 oz Vista and 4-7 oz Milestone	4-6 oz Vista and 4-7 oz Milestone	4-6 oz Vista and 4-7 oz Milestone	6 oz Vista and 1/2 pint Tordon	4-6 oz Vista and 3.3 oz Opensight	23 oz /acre with MSO	NA	6 oz Vista and 1/2 pint Tordon	NA	NA